First Hit   Previous Doc   Next Doc   Go to Doc#

□ **Generate Collection**   **Print**

L42: Entry 11 of 18   File: DWPI   Sep 14, 1988

DERWENT-ACC-NO: 1988-302747
DERWENT-WEEK: 198843
COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Oil absorbent for removing oil from sea-water - prepd. by blending active
filler with agglomerate of porous polyolefin fibres or pellets and forming

PATENT-ASSIGNEE:

ASSIGNEE   CODE

FURUKAWA ELECTRIC CO LTD   FURU

PRIORITY-DATA: 1987JP-0053153 (March 10, 1987)

Search Selected   **Search ALL**   **Clear**

PATENT-FAMILY:

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
□	JP 63221187 A	September 14, 1988		003	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 63221187A	March 10, 1987	1987JP-0053153	

INT-CL (IPC): C09K 3/32

ABSTRACTED-PUB-NO: JP 63221187A
BASIC-ABSTRACT:

Oil absorbent is prepd. by blending an active filler into agglomerate of porous
polyolefin fibre or pellets and forming the agglomerate into desired form.

Pref. porous polyolefin prod. is prepd. by spinning polyolefin dispersed with a
filler impregnated with an oleophilic material such as DOP(dioctyl phthalate), and
immersing the fibre into acetone to dissolve DOP or spinning the polyolefin blended
with TiO_2 having average size = 0.5 microns into the monofilament having average
dia. = 50 microns and stretching the filament to a draw ratio = 3 in a bath at 110
deg.C. The fibrous or pelletised polyolefin is blended with an active filler (e.g.
SiO_2, foamed SiO_2, Al_2O_3, TiO_2, $CaCO_3$, $3MgCO_3.Mg(OH)_2$, Ca- or Mg silicate, talc,
calcined clay, etc.) opt. surface-treated with palmitic or stearic acid, silane- or
titanate coupling agent and formed into sheet, disc or column, pref. by filling the
agglomerate into a meshed bag of plastic resin.

USE/ADVANTAGE - The absorbent absorbs selectively oil from oil/ water mixt. It is
useful for removing oil from water/oil mixt. or for recovering oil from sea.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: <u>OIL</u> <u>ABSORB</u> REMOVE <u>OIL</u> SEA WATER PREPARATION BLEND ACTIVE FILL
AGGLOMERATE POROUS POLYOLEFIN <u>FIBRE</u> PELLET FORMING

DERWENT-CLASS: A17 A88 J01

CPI-CODES: A04-G01E; A08-R; A09-A; A12-S05K; A12-W11D; J01-D01;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0122U ; 1278U ; 1278U ; 1359U ; 1509U ; 1541U ;
1541U ; 1544U ; 1544U ; 1550U ; 1550U ; 1694U ; 1694U ; 1949U ; 1966U ; 1966U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:
Key Serials: 0037 0205 0057 0060 0069 0072 0231 0232 2218 2307 3215 2330 2344 2348
2444 2470 2471 2486 3226 2522 2524 2527 2545 3248 2653 3252 2708 2745 2776 2821

Multipunch Codes: 014 04- 041 046 06- 07& 075 09& 15- 18& 18- 20- 229 30& 303 308
310 32& 342 371 376 377 380 392 405 447 448 45& 456 476 481 482 50& 502 532 533 534
54& 55& 575 595 597 600 61- 688 721 014 04- 371 373 376 381 53- 623 629 664 667

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers: C1988-134012

<u>Previous Doc</u>   <u>Next Doc</u>   <u>Go to Doc#</u>